

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	19	(US-20040234460-\$ or US-20040191729-\$ or US-20030152528-\$).did. or (US-5713738-\$ or US-5879159-\$ or US-6106293-\$ or US-6149895-\$ or US-6162055-\$ or US-6254388-\$ or US-6343933-\$ or US-6416319-\$ or US-6616447-\$ or US-6616451-\$ or US-6623272-\$ or US-6942658-\$ or US-6435873-\$ or US-5032178-\$ or US-6525819-\$ or US-4992256-\$). did.	US-PGPUB; USPAT	OR	ON	2007/04/03 10:08
L4	6	3 and tobacco	US-PGPUB; USPAT	OR	ON	2007/04/03 10:09
L5	7	3 and (tobacco coffee)	US-PGPUB; USPAT	OR	ON	2007/04/03 10:10
L6	1631	((tooth teeth) and (whitening brightening) and (light laser radiation) and method)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 10:41
L7	934	6 and @AD<"20030601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 10:16
L8	0	7 and (stain with wavelength with absorption)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 10:42
L9	5	7 and (stain same wavelength same absorption)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 10:22
L10	5	7 and (target with stain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 10:22
L11	20	7 and (stain with (absorb absorption))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 10:44

## EAST Search History

L12	560	(tooth teeth) and (stain with method) and (light laser radiation) and @AD<"20030601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 10:45
L13	1	12 and (stain with wavelength with absorption)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 10:42
L14	15	12 and (stain with (absorb absorption))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:00
L15	10	((tooth teeth) and (stain with method) and (light laser radiation)). clm. and @AD<"20030601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:00
L16	29	("4273535").PN. OR ("4521194"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/03 10:52
L17	560	((tooth teeth) and (stain with method) and (light laser radiation)) and @AD<"20030601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:00
L18	11	12 and (stain with wavelength)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 11:01
L19	19	3 and (heat ir infrared nm nanometer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/04/03 11:51
S2	73	((tooth teeth) and (whitening brightening) and (light laser radiation) and method).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/05 14:01
S3	59	((tooth teeth) and (whitening brightening) and (light laser radiation) and method).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/05 14:03

## EAST Search History

S4	52	S2 and @AD<"20030601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 10:16
S5	33	S3 and @AD<"20030601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/07 12:23
S6	69	S4 or S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/05 14:12
S7	6	S6 and chromophore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 11:47
S8	73	((tooth teeth) and (whitening brightening) and (light laser radiation) and method).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/03 10:15
S9	8	S8 and chromophore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:12
S10	59	((tooth teeth) and (whitening brightening) and (light laser radiation) and method).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 11:47
S11	11	S10 and chromophore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 06:59
S12	12	S9 or S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 11:56
S13	1242	(tooth teeth) and (whitening brightening) and (light laser radiation) and method	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:33

## EAST Search History

S14	9	S13 and (whitening brightening) and (compound with chromophore)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:11
S15	5	S14 and film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:31
S16	90	S13 and (whitening brightening) and (compound with film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:32
S17	1	S13 and ((whitening brightening) with compound with film)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:32
S18	577	S13 and film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:35
S19	197	S13 and (film with (teeth tooth))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:11
S20	8	(US-20040234460-\$).did. or (US-6106293-\$ or US-5879159-\$ or US-5713738-\$ or US-6162055-\$ or US-6343933-\$ or US-6416319-\$ or US-6942658-\$).did.	US-PGPUB; USPAT	OR	ON	2005/12/06 12:35
S21	3	S20 and film	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:37
S22	3	S20 and strip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:10
S23	3	S13 and (second with chromophore)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:28

## EAST Search History

S24	0	S9 and heating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:51
S25	2	S20 and heating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 12:51
S26	1242	(tooth teeth) and (whitening brightening) and (light laser radiation) and method	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:10
S27	338	S26 and strip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:12
S28	44	S26 and (film with whitening with (teeth tooth))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:12
S29	162	S27 and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:13
S30	28	S28 and matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:13
S31	14	S28 and (polymeric with matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:19
S32	8	S31 and chromophore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:20
S33	4	S31 and chromogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:20

## EAST Search History

S34	657	(tooth teeth) and (color with (reflect reflectance))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:29
S35	27	(tooth with color with reflectance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:30
S36	3	S26 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/06 14:30
S37	463	light with toothbrush	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:15
S38	8	S37 and biostimulation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 06:56
S39	2	("6648904").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 06:58
S40	1242	(tooth teeth) and (whitening brightening) and (light laser radiation) and method	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/07 12:23
S41	47	S40 and chromophore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:14
S42	10	S41 and (method with chromophore)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:00
S43	2727	((433/215) or (607/88-90)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 07:11

## EAST Search History

S44	144	S43 and chromophore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:12
S45	142	S44 and method and (light radiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:25
S46	26	S43 and chromophore.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:12
S47	13	S37 and chromophore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:14
S48	16	S37 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:15
S49	0	("2004/0019990").URPN.	USPAT	OR	ON	2005/12/07 07:17
S50	3715	(128/898).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/07 07:25
S51	0	S49 and method and (light radiation) and chromophore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:25
S52	58	S50 and method and (light radiation) and chromophore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:26
S53	14	S50 and (method and (light radiation) and chromophore).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/07 07:26
S54	1388	(tooth teeth) and (whitening brightening) and (light laser radiation) and method	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/07 12:24

## EAST Search History

S55	89	S54 and (wavelength with absorption)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/07 12:23
S56	43	S55 and @AD<"20030601"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/07 12:23
S57	33	(tooth teeth) and (whitening brightening) and (light laser radiation) and (film sheet strip) and (wavelength with absorption) and @AD<"20030601"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/08 06:50
S58	32	("3607759"   "3966669"   "4180467"   "4302439"   "4444746"   "4661070"   "4788052"   "5032178"   "5055048"   "5240415"   "5256402"   "5281141"   "5430074"   "5456603"   "5645428"   "5648064"   "5713738"   "5785527"   "5800165"   "5858332"   "6036493"   "H000534").PN. OR ("6149895").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 06:34
S59	16	S58 and (film sheet strip)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/08 08:12
S60	627	(tooth teeth) and (whitening brightening) and (light laser wavelength radiation) and (film sheet strip) and @ad<"20030601"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/08 08:35
S61	79	S60 and ((tooth teeth) and (whitening brightening)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/08 06:53
S62	33	(tooth teeth) and (whitening brightening) and (light laser radiation) and (film sheet strip) and (wavelength with absorption) and @AD<"20030601"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/08 08:33
S63	68	S61 not S62	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/08 06:53

## EAST Search History

S64	17	(US-20040191729-\$ or US-20040234460-\$).did. or (US-6416319-\$ or US-6254388-\$ or US-5879159-\$ or US-6616451-\$ or US-6106293-\$ or US-5713738-\$ or US-6162055-\$ or US-6525819-\$ or US-6343933-\$ or US-6623272-\$ or US-6942658-\$ or US-4992256-\$ or US-6149895-\$ or US-6435873-\$ or US-6616447-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/08 07:13
S65	1	("20030152528").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 08:00
S66	5	S64 and chromophore	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/08 08:00
S67	13	S58 and (film sheet strip) and (light radiation laser wavelength)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/08 08:13
S68	1442	(tooth teeth) and (whitening brightening) and (light laser radiation) and method	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 08:34
S69	0	S68 and cornell.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 08:35
S70	0	S60 and cornell.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/08 08:35
S71	15	S64 and peroxide	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/08/08 08:38
S72	1	("5032178").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/09 06:29